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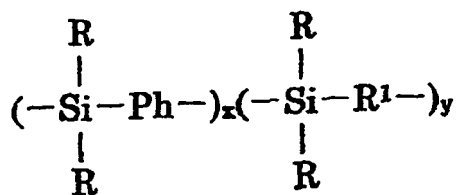
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(54) **Silphenylenesilalkylene polymer, methods for preparing same, and coating composition**

(57) A silphenylenesilalkylene polymer containing principal chains having the general formula:



wherein each R is independently a monovalent hydrocarbon group having 1 to 10 carbon atoms, with the proviso that at least 20% of the R groups are phenyl; R¹ is an alkylene group or an alkyleneoxyalkylene group having 2 to 10 carbon atom; Ph is a substituted or unsubstituted para-phenylene ring; and x and y are integers having a value of at least 1; and wherein the polymer has a weight average molecular weight of at least 1,000 and is a solid at 30°C.

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EUROPEAN SEARCH REPORT

Application Number
EP 98 12 0538

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	EP 0 661 331 A (KANEAFUCHI) 5 July 1995 * page 2, line 35 - line 36 * * page 4, line 50 * * page 5, line 5 * * page 11, line 21 - line 22 * * example 4 * * page 14; table * -----	1-19	C08G77/60 C09D183/06
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			C08G C09D
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
BERLIN		6 April 1999	HOEPFNER W.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 98 12 0538

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82